

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

"dc offset components" subcarriers

Search

[Advanced Search](#)  
[Preferences](#)

Web

Results 1 - 3 of 3 for "**dc offset components**" **subcarriers**. (0.37 seconds)

Tip: Try removing quotes from your search to get more results.

**Phase detectors in carrier recovery for offset QAM and VSB ...**

... chroma and audio **subcarriers**, present in NTSC terrestrial broadcast system ... that a signal from the DFE be processed with **DC offset components**. ...  
[www.freepatentsonline.com/6671342.html](http://www.freepatentsonline.com/6671342.html) - 117k - [Cached](#) - [Similar pages](#)

**Technique for minimizing decision feedback equalizer wordlength in ...**

... at the specific locations of the NTSC luma, chroma, and audio **subcarriers**. ... that a signal from the DFE be processed with **DC offset components**. ...  
[www.patentstorm.us/patents/6226323-description.html](http://www.patentstorm.us/patents/6226323-description.html) - 115k - [Cached](#) - [Similar pages](#)

**Gain insensitive high-pass vga patent invention**

Thus, these **DC offset components** that are not cancelled may be subsequently ... a number of coded bits per **subcarrier** (NBPSC), coded bits per OFDM symbol ...  
[www.freshpatents.com/Gain-insensitive-high-pass-vga-dt20070405ptan20070077904.php?type=description](http://www.freshpatents.com/Gain-insensitive-high-pass-vga-dt20070405ptan20070077904.php?type=description) - 69k - Supplemental Result - [Cached](#) - [Similar pages](#)

*In order to show you the most relevant results, we have omitted some entries very similar to the 3 already displayed.*

*If you like, you can repeat the search with the omitted results included.*

Try [Google Desktop](#): search your computer as easily as you search the web.

"dc offset components" subcarriers

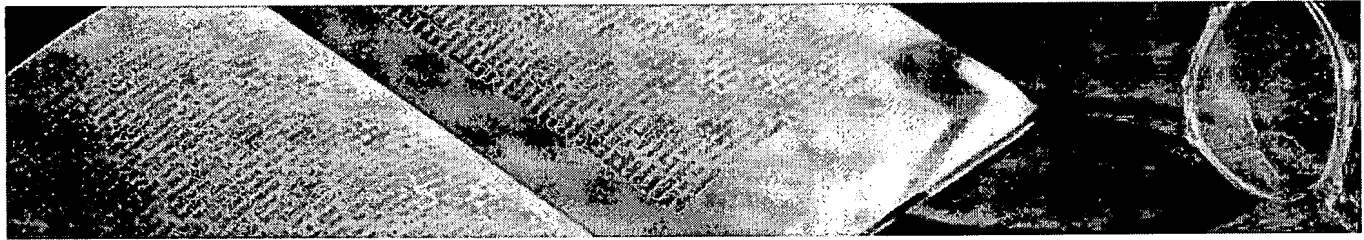
Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)



A Scientific and Technical Publishing Cor



• Home • Login • My Cart • Reviewers Only • FAQ • Careers • Contact •

Find/Buy Articles

Journals

Proceedings

Subscriptions

Submissions

Call for Papers

## A Novel Compensation Scheme for I/Q Mismatch in OFDM low-IF Receiver

J. Bae, W. Ha, H. Ko, K. Han, and J. Park (Korea)

### Keywords

I/Q mismatch, I/Q imbalance, low-IF receiver, direct conversion receiver, SDR, software-defined radio

### Abstract

Publication Search:

Go

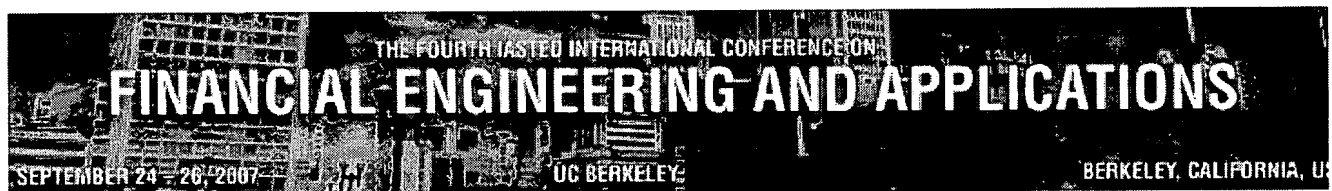
advanced search

Publishing Services

- I/Q processing structures widely used in today's communication receivers, such as the low-IF and direct conversion arc face serious problem of I/Q mismatch. In practice, due to the problem of analog part, such mismatch is unavoidable, which finite and insufficient rejection of the image signal. These effects cause the desired signal to be interfered by image sign paper, we focus on the low-IF receiver based on OFDM technique as today's popular transmission method. So, we carried analysis and effects of mismatched I/Q processing in the OFDM low-IF receiver. Also, we proposed a new scheme compensate I/Q mismatch by least squares method using null-carriers of OFDM symbol. And, the computer simulation re provided in order to evaluate the performance of the proposed schemes. From the simulation results, the mismatch problem perfectly compensated by using only one OFDM symbol.

From Proceeding (422) Communication Systems and Applications - 2004

Go Back



Privacy & Legal Sitemap Copyright © 2007 ACT

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

"dc offset estimator" ofdm subcarriers compon

Search

[Advanced Search](#)  
[Preferences](#)

Web

Results 1 - 2 of 2 for "**dc offset estimator**" ofdm **subcarriers components**. (0.41 seconds)

Tip: Try removing quotes from your search to get more results.

**DC offset estimation and compensation in OFDM radio receivers by ...**

Once the end of the short training signal sequence has been reached, the **DC offset estimator** 2 emits the estimation result DC\_I for the I **component** and DC\_Q ...  
[www.freepatentsonline.com/20050025041.html](http://www.freepatentsonline.com/20050025041.html) - 63k - [Cached](#) - [Similar pages](#)

**Fine frequency offset estimation and calculation and use to ...**

To obtain high spectral efficiency the frequency response of the **subcarriers** are overlapping and orthogonal, hence the name **OFDM**. Each narrowband **subcarrier** ...  
[www.freepatentsonline.com/7123670.html](http://www.freepatentsonline.com/7123670.html) - 136k - [Cached](#) - [Similar pages](#)  
[ [More results from www.freepatentsonline.com](#) ]

*In order to show you the most relevant results, we have omitted some entries very similar to the 2 already displayed.*

*If you like, you can repeat the search with the omitted results included.*

Download [Google Pack](#): free essential software for your PC

"dc offset estimator" ofdm subcarrier Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

## Patent Assignment Abstract of Title

**Total Assignments: 1**

**Application #:** 10700474   **Filing Dt:** 11/05/2003   **Patent #:** NONE   **Issue Dt:**  
**PCT #:** NONE   **Publication #:** NONE   **Pub Dt:**

**Inventors:** Chien-Meen Hwang, Harish Kutagulla, Xu Zhou

**Title:** DC offset cancellation in a direct conversion receiver configured for receiving an OFDM signal

**Assignment: 1**

<b>Reel/Frame:</b>	<u>014685 /</u> <u>0217</u>	<b>Received:</b> 11/14/2003	<b>Recorded:</b> 11/05/2003	<b>Mailed:</b> 06/03/2004	<b>Pages:</b> 3
--------------------	--------------------------------	--------------------------------	--------------------------------	------------------------------	--------------------

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** HWANG, CHIEN-MEEN

**Exec Dt:** 08/22/2003

ZHOU, XU

**Exec Dt:** 09/03/2003

KUTAGULLA, HARISH

**Exec Dt:** 09/10/2003

**Assignee:** ADVANCED MICRO DEVICES, INC.

ONE AMD PLACE, P.O. BOX 3453  
SUNNYVALE, CALIFORNIA 94088-3453

**Correspondent:** MANELI, DENISON & SELTER PLLC  
LEON R. TURKEVICH  
2000 M STREET N.W., SEVENTH FLR.  
WASHINGTON, DC 20036-3307

Search Results as of: 05/21/2007 07:19 PM

---

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.  
Web interface last modified: February 22, 2007 v.2.0

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)[Sign in](#)

Google

dc offset QAM ofdm 802.11a

Search

[Advanced Search](#)  
[Preferences](#)

Web

Results 1 - 10 of about 9,830 for **dc offset QAM ofdm 802.11a**. (0.13 seconds)**[PDF] 5.4 A 5GHz CMOS Transceiver for IEEE 802.11a Wireless LAN**

File Format: PDF/Adobe Acrobat

ic range and linearity for a 64-**QAM OFDM** signal. The low-noise ... The **dc offset** of the receive chain is cancelled using two pairs of 6-b DACs. ...ieeexplore.ieee.org/iel5/7787/21411/00992954.pdf - [Similar pages](#)**[PDF] A 5-GHz CMOS transceiver for IEEE 802.11a wireless LAN systems ...**

File Format: PDF/Adobe Acrobat

64-**QAM OFDM** signal. The RF and IF gain stages have a max- ... The **dc offset** of the receive chain is cancelled. using two pairs of 6-b DACs. ...ieeexplore.ieee.org/iel5/4/23646/01088096.pdf - [Similar pages](#)[ [More results from ieeexplore.ieee.org](#) ]**CommsDesign - RF Simulation Improves 802.11a System Performance**The use of **OFDM** in emerging 5 GHz WLAN architectures creates **offset** and ... it has been compensated in timing, amplitude, frequency, phase and **DC offset**. ...www.commsdesign.com/story/OEG20020218S0034 - 50k - [Cached](#) - [Similar pages](#)**RF Simulation Improves 802.11a System Performance**Hence, **OFDM** signals are more sensitive to carrier frequency **offset** than the ... has been compensated in timing, amplitude, frequency, phase and **DC offset**. ...

www.commsdesign.com/article/printableArticle.jhtml?articleID=16504296 - 23k -

[Cached](#) - [Similar pages](#)**[PDF] 7.2 An Integrated 802.11a Baseband and MAC Processor**File Format: PDF/Adobe Acrobat - [View as HTML](#)Calibration of **DC offset** and gain in the analog receiver is performed. ... W. Eberle, et al., "A Digital 72Mb/s 64-**QAM OFDM** Transceiver for 5GHz Wireless ...nova.stanford.edu/~bbaas/ps/isscc2002\_text.pdf - [Similar pages](#)**[PDF] A Digitally Calibrated 5.15GHz - 5.825GHz Transceiver for 802.11a ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)High performance 64-**QAM-OFDM** needed for. multi-path ... LO leakage/**DC Offset**. • IQ mismatch. • Matched I/Q filters. – 1% desirable. • IIP2, IIP3. Receiver ...

bwrc.eecs.berkeley.edu/Seminars/Vassiliou%20-%201.31.03/Iason%20Vassiliou.pdf -

[Similar pages](#)**[PDF] A 5-GHz direct-conversion CMOS transceiver - Solid-State Circuits ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)flicker noise and **dc offset**. However, low-IF conversion does ... transmit constellation of the same 64-**QAM OFDM** signal. The error vector magnitude (EVM) is ...www.rfmd.com/pdfs/jssc2003.pdf - [Similar pages](#)**Flexible Chip Set Arms 802.11a/b/g WLANs**A modem that supports orthogonal-frequency-division-multiplex (**OFDM**) and ... A **DC offset** loop operates in conjunction with the baseband to dynamically ...www.mwrf.com/Articles/ArticleID/5427/5427.html - [Similar pages](#)**[PDF] Datasheet**

File Format: PDF/Adobe Acrobat - View as HTML

Seamless analysis of DSSS (802.11b/g) and **OFDM (802.11a/g)** WLAN signals ... **DC**

**offset**, rms level, minimum/maximum amplitude, peak-to-peak amplitude, ...

[www.sekitech.co.jp/product/keisoku/litepoint/pdf/IQflex\\_datasheet\\_1\\_5.pdf](http://www.sekitech.co.jp/product/keisoku/litepoint/pdf/IQflex_datasheet_1_5.pdf) - [Similar pages](#)

**Method and apparatus for estimating DC offset in an orthogonal ...**

1 illustrates the receiver **OFDM** spectrum and the subcarrier distortion due to the **DC offset**.

In addition to the **DC** term (subcarrier 0), the IEEE **802.11a/g** ...

[www.freepatentsonline.com/20050111525.html](http://www.freepatentsonline.com/20050111525.html) - 43k - [Cached](#) - [Similar pages](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) **[Next](#)**

Try [Google Desktop](#): search your computer as easily as you search the web.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

Web Images Video News Maps Gmail more ▾

Sign in

Google

"dc offset" QAM ofdm 802.11a

Search

Advanced Search  
Preferences

Web

Results 1 - 10 of about 313 for "dc offset" QAM ofdm 802.11a. (0.43 seconds)

**CommsDesign - RF Simulation Improves 802.11a System Performance**

Assume that the data is coded by 64-QAM modulator, the pilot signal coded by ... Per the 802.11a OFDM modulation scheme, the framed WLAN signal is routed ...

www.commsdesign.com/story/OEG20020218S0034 - 50k - [Cached](#) - [Similar pages](#)

**[PDF] A 5-GHz CMOS transceiver for IEEE 802.11a wireless LAN systems ...**

File Format: PDF/Adobe Acrobat

64-QAM OFDM signal. The RF and IF gain stages have a max- ... The dc offset of the receive chain is cancelled, using two pairs of 6-b DACs. ...

ieeexplore.ieee.org/iel5/4/23646/01088096.pdf - [Similar pages](#)

**[PDF] 5.4 A 5GHz CMOS Transceiver for IEEE 802.11a Wireless LAN**

File Format: PDF/Adobe Acrobat

ic range and linearity for a 64-QAM OFDM signal. The low-noise ... The dc offset of the receive chain is cancelled using two. pairs of 6b DACs. ...

ieeexplore.ieee.org/iel5/7787/21411/00992954.pdf - [Similar pages](#)

[ More results from ieeexplore.ieee.org ]

**[PDF] 7.2 An Integrated 802.11a Baseband and MAC Processor**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

802.11a standard, ISO/IEC 8802-11:1999/Amd 1:2000(E). [2]. W. Eberle, et al., "A Digital 72Mb/s 64-QAM OFDM Transceiver for 5GHz Wireless ...

nova.stanford.edu/~bbaas/ps/isscc2002\_text.pdf - [Similar pages](#)

**[PDF] A Digitally Calibrated 5.15GHz - 5.825GHz Transceiver for 802.11a ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Requirements for 802.11a WLAN. • Low cost – high integration. • Low power. • Potential for multi-standard use. • High performance 64-QAM-OFDM needed for ...

bwrc.eecs.berkeley.edu/Seminars/Vassiliou%20-%201.31.03/Iason%20Vassiliou.pdf - [Similar pages](#)

**[PDF] A 5-GHz direct-conversion CMOS transceiver - Solid-State Circuits ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

In Fig. 14, the transmitted spectrum of a 64-QAM OFDM. signal is plotted against the spectrum mask defined by the. 802.11a standard. ...

www.rfmd.com/pdfs/jssc2003.pdf - [Similar pages](#)

**Flexible Chip Set Arms 802.11a/b/g WLANs**

The RF5421 baseband/MAC IC includes a complete implementation of IEEE 802.11a/b/g CCK and OFDM modems and an ARM9 processor that executes the bulk of the ...

www.mwrf.com/Articles/ArticleID/5427/5427.html - [Similar pages](#)

**[PDF] Datasheet**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

802.11a/g OFDM signals. – 6 Mbps BPSK. – 9 Mbps BPSK. – 12 Mbps QPSK. – 18 Mbps QPSK. – 24 Mbps 16-QAM. – 36 Mbps 16-QAM. – 48 Mbps 64-QAM. – 54 Mbps 64-QAM ...

www.sekitech.co.jp/product/keisoku/litepoint/pdf/IQflex\_datasheet\_1\_5.pdf - [Similar pages](#)

[PDF] [A Single-Chip CMOS Transceiver for 802.11a/b/g Wireless LANs](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

(QAM) OFDM-type modulation. Manuscript received April 19, 2004; revised June 30, 2004.

... In any design having high gain at low frequency, **dc offset** ...

[users.ece.utexas.edu/~adnan/comm-07/802-2-jssc-04.pdf](http://users.ece.utexas.edu/~adnan/comm-07/802-2-jssc-04.pdf) - [Similar pages](#)

[PDF] [ANSDCSI](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

tion formats, such as 64-QAM. OFDM and the stringent ... age creates a **DC offset** that varies with the ... the modulation is OFDM or single carrier. ...

[www.rfmw.com/SKY73013\\_Microwave\\_Journal\\_Product\\_Feature.pdf](http://www.rfmw.com/SKY73013_Microwave_Journal_Product_Feature.pdf) - [Similar pages](#)

1 2 3 4 5 6 7 8 9 10 **Next**

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)



"dc offset" QAM ofdm 802.11a

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)



**SCIRUS**  
for scientific information only

<b>SCIRUS</b> free science search engine	<input type="text"/>	<input checked="" type="checkbox"/> All Journal Sources
	<input type="button" value="Find"/>	<input checked="" type="checkbox"/> All Web Sources

<a href="#">About Us</a>	<a href="#">Newsroom</a>	<a href="#">Advisory Board</a>	<a href="#">Submit Web Site</a>	<a href="#">Help</a>	<a href="#">Contact Us</a>
--------------------------	--------------------------	--------------------------------	---------------------------------	----------------------	----------------------------

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

<input 802.11a"="" and="" ofdm="" qam="" type="text" value="dc offset"/>	<input type="button" value="Search"/>
<input checked="" type="checkbox"/> Journal sources <input checked="" type="checkbox"/> Preferred Web sources <input checked="" type="checkbox"/> Other Web sources <input type="checkbox"/> Exact phrase	

---

**Sorry, your search has not produced any results. Please check the syntax of your query.**

---

[Downloads](#) | [Subscribe to News Updates](#) | [User Feedback](#) | [Advertising](#)  
[Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007

**SCIRUS**  
for scientific information only

<b>SCIRUS</b> free science search engine	<input type="text"/>	<input checked="" type="checkbox"/> All Journal Sources
	<input type="button" value="Find"/>	<input checked="" type="checkbox"/> All Web Sources

About Us	Newsroom	Advisory Board	Submit Web Site	Help	Contact Us
----------	----------	----------------	-----------------	------	------------

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

<input 802.11a"="" and="" type="text" value="dc offset"/>	<input type="button" value="Search"/>
<input checked="" type="checkbox"/> Journal sources <input checked="" type="checkbox"/> Preferred Web sources <input checked="" type="checkbox"/> Other Web sources <input type="checkbox"/> Exact phrase	

---

**Sorry, your search has not produced any results. Please check the syntax of your query.**

---

[Downloads](#) | [Subscribe to News Updates](#) | [User Feedback](#) | [Advertising](#)  
[Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by [FAST](#) © Elsevier 2007

**SCIRUS**  
for scientific information only

**SCIRUS**  
free science search engine

Find

☒ All Journal Sources

☒ All Web Sources

About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

Basic Search

[Advanced Search](#) [Search Preferences](#)

"dc offset" AND ofdm AND qam AND corrected

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**dc offset**" AND **ofdm** AND **qam** AND **corrected**

Found:: :**65 total** | **0 journal results** | **51 preferred web results** | **14 other web results**

Sort by:: :**relevance** | **date**

Save checked results

Email checked results

Export checked results

- ☐ 1. [The information contained in this document is subject to change without notice](#) [PDF-210K]  
Feb 2003  
...Format. 1-4 **OFDM** Modulation WLAN Standard **OFDM** Modulation Concepts of **OFDM**: · A type of multi-carrier modulation...modulated differently, e.g. BPSK, QPSK or **QAM** · To achieve high bandwidth efficiency...all other sub-carriers (orthogonal) · **OFDM** symbols are generated using IFFT **OFDM** Modulation...  
[more hits from](#) [http://linux.students.engr.scu.edu/~ychen0/adsdoc/pdf/...] [similar results](#)
- ☐ 2. [SAA7133HL PCI audio and video broadcast decoder](#) [PDF-147K]  
Feb 2003  
...PCI-bus. handbook, full pagewidth handbook, full pagewidth TV TUNER: CABLE TERRESTRIAL SATELLITE DIGITAL CHANNEL DECODER: VSB **QAM OFDM** DECODER FOR TV SOUND AND TV VIDEO WITH TS AND PS INTERFACE AND DMA MASTER INTO PCI-BUS CVBS S-video audio I/O SAA7133HL ENCODER...  
[http://www.semiconductors.philips.com/acrobat\_download...] [similar results](#)
- ☐ 3. [Using the Communications Blockset](#) [PDF-354K]  
Sep 2003  
...3-34 Selected Bibliography ..... 3-34 Phase Noise Effects in 256-**QAM** - Demo ..... 3-36 Structure of the Demo...  
[http://www.mathworks.com/access/helpdesk\_r13/help/pdf\_...] [similar results](#)
- ☐ 4. [Pilot-Assisted Frequency Domain Reciprocal Modulation for Microwave Channels with Dynamic Multipath - Rev.1](#) [PDF-59K]  
Nov 2000  
...encoding. The first is similar to normal (N) **OFDM** with the restriction that low-valued...magnitude and phase of each HC in a normal **OFDM** block into 1.0 at an angle of 0 degrees...convention al single carrier fr equency 16 **QAM** w ere examin ed in the frequency domain...trans mitting ov er physica l channels . **OFDM** ha s the nece ssary prop erty of co ntrolled...in the R constellation to produce the **corrected** constellation. Note that point spread...  
[more hits from](#) [http://grouper.ieee.org/groups/802/16/tg1/phy/contrib/...] [similar results](#)
- ☐ 5. [Microsoft PowerPoint - UCLA MIMO Overview Web.ppt](#) [PDF-18K]  
Dec 2003  
...gain=0.75 16QAM 0.75 IQ gain mismatch **Corrected** 64QAM Theoretical No IQ mismatch 64QAM...02Fs IQ delay pi/16 IQ phase mismatch, **Corrected** November 2003  
www.ee.ucla.edu/~mimo...mimo@ee.ucla.edu Performance of MIMO-**OFDM** I/Q mismatch cancellation Simulation...mimo Slide 38 mimo@ee.ucla.edu MIMO **OFDM** ASIC Features · Standalone as well...Modulation · Data stream scrambling · 4-**QAM**, 16-**QAM** and 64-**QAM** · 64 pt to 1024...

Did you mean?  
"dc offset" **odm** qam corrected

Refine your search using these keywords found in the results  
[amplifier](#)

[amplifiers](#)

[analog signal](#)

[compensator](#)

[constant amplitude](#)

[decoder](#)

[divider circuit](#)

[dummy load](#)

[fir filters](#)

[interface logic](#)

[phase noise](#)

[power amplifier](#)

[quadrature](#)

[signal generator](#)



[transceiver](#)

[transmitter](#)

Or refine using:

All of the words

Refine

- [[http://www.ee.ucla.edu/~mimo/summaries/UCLA\\_MIMO\\_Overview...](http://www.ee.ucla.edu/~mimo/summaries/UCLA_MIMO_Overview...)]  
similar results
- ☐ 6. [20\\_2\\_slides\\_final](#) [PDF-7K]  
Mar 2003  
...High performance 64-**QAM-OFDM** needed for multi...Df · LO leakage/**DC Offset** · IQ mismatch ...Analog correction **DC offset** Filter cutoff...Q MISMATCH · Use **corrected** TX path · Loopback...Filter mismatch **DC offset**  
more hits from [<http://bwrc.eecs.berkeley.edu/Seminars/Vassillou%20-%20...>]  
similar results
  - ☐ 7. [Tektronix: Applications > Glossary of Video Terms and Acronyms : Part I](#) [PDF-362K]  
Jul 2002  
...16 discrete amplitude levels. 16 **QAM** 16 Quadrature Amplitude Modulation...signal to a circuit to remove any **DC offset**, or the overall voltage level that...find the signal is to remove the **DC offset** by AC coupling, and then do DC restoration...  
[<http://www.hep.fsu.edu/~wahl/phy4822/expinfo/Tektronix...>]  
similar results
  - ☐ 8. [Microsoft PowerPoint - UCLA MIMO Overview Web.ppt](#) [PDF-18K]  
Dec 2003  
...gain=0.75 16QAM 0.75 IQ gain mismatch **Corrected** 64QAM Theoretical No IQ mismatch 64QAM...0.2Fs IQ delay pi/16 IQ phase mismatch, **Corrected** November 2003  
[www.ee.ucla.edu/~mimo...](http://www.ee.ucla.edu/~mimo...) mimo@ee.ucla.edu Performance of MIMO-**OFDM** I/Q mismatch cancellation Simulation...mimo Slide 38 mimo@ee.ucla.edu MIMO **OFDM** ASIC Features · Standalone as well...Modulation · Data stream scrambling · 4-**QAM**, 16-**QAM** and 64-**QAM** · 64 pt to 1024...  
[[http://www.mimo.ucla.edu/summaries/UCLA\\_MIMO\\_Overview\\_...](http://www.mimo.ucla.edu/summaries/UCLA_MIMO_Overview_...)]  
similar results
  - ☐ 9. [No Title](#) [PDF-15K]  
Aug 2003  
...QPSK, 16QAM, and 64 **QAM**. The chip set's unique...when operating in **OFDM** mode. The RF5425...architecture are **DC offset**, flicker noise, and...baseband algorithms. A **DC offset** loop operates in...dynamically correct for **DC offset**. Similarly, in-phase...mismatch is measured and **corrected** by the baseband at...  
[<http://www.rfmd.com/pdfs/Flexible%20Chip%20Set%20Arms....>]  
similar results
  - ☐ 10. [Thesis template.doc](#) [PDF-158K]  
Oct 2002  
...6 2.4 **QAM** (Quadrature Amplitude Modulation...5 Figure 2 - 3: An example of a 4-**QAM** system sending two bits per symbol per channel ....7 Figure 2- 4: An example of a 16-**QAM** system...  
[<http://innovexpo.itee.uq.edu.au/2002/projects/s358289/...>]  
similar results
  - ☐ 11. [Afdeling for Kommunikationsteknologi](#) [PDF-272K]  
Nov 2002  
Yderligere oplysninger vedr. beretningen / Further information concerning the report: Ed. Jonna Thomassen, Information Office, tel. (+45) 9635 9490 Department secretary tel.  
[<http://www.auc.dk/led-sekr/infokont/forsk-beret/bidrag...>]  
similar results
  - ☐ 12. [POST-FFT SCALING TO REDUCE MULTIPLE EFFECTS AND FINE FREQUENCY OFFSET ESTIMATION](#)  
**GILBERT, Jeffrey M. / MENG, Teresa H. / THOMSON, John / WANG, Yi-Hsiu, PATENT COOPERATION TREATY APPLICATION**, Apr 2003  
...modulated subcarriers in an **OFDM** system. To obtain high spectral...and orthogonal, hence the name **OFDM**. Each narrowband subcarrier...quadrature amplitude modulation **QAM** (or the differential equivalents...spectrum of received 802.11 a **OFDM** symbols, including carrier leak, and a receiver's **DC offset**; Figure 10 illustrates a receiver...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis®  
[view all 51 results from Patent Offices](#)  
similar results
  - ☐ 13. [Fine-frequency offset estimation](#)  
**Chiodini, Alain, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Oct 2002  
...quadrature phase shift keying (QPSK), 16-**QAM** and 64-**QAM** (and 256-**QAM** in future standard enhancements). The...estimation, has been frequency offset **corrected** accordingly. It is also assumed that the...preferred method comprises a step in which an **OFDM** signal is I/Q sampled. The minimization...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis®

[view all 51 results from Patent Offices](#)  
[similar results](#)

- ☐ 14. Receiving apparatus  
**Kanno, Ippei, Matsushita Electric Ind. Co., Ltd. / Ozeki, Hiroaki, Matsushita Electric Ind. Co., Ltd. / Oba, Yasuo, Matsushita Electric Ind. Co., Ltd. / Fujishima, Akira Matsushita Electr. Ind. Co., Ltd. / Iwaida, Mineyuki Matsushita Electr. Ind. Co., Ltd., EUROPEAN PATENT APPLICATION, Apr 2003**  
...amplifier) 17, an LPF 18, an AD converter (ADC) 19, an **OFDM** demodulator 20 and a transport stream output terminal...bandwidth of 429 kHz are connected and subjected to **OFDM** modulation and a resultant **OFDM** signal is transmitted at a band of 6 MHz. An stationary...  
**Full text available at patent office. For more in-depth searching go to LexisNexis®**  
[view all 51 results from Patent Offices](#)  
[similar results](#)
- ☐ 15. Post-fft scaling to reduce multiple effects  
**Wang, Yi-Hsiu / Gilbert, Jeffrey M., UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Aug 2003**  
...and fine symbol timing adjustment. Since **OFDM** is extremely sensitive to the carrier frequency...spread caused by multipath so that the **OFDM** symbols can remain independent from each...QPSK), 16-quadrature amplitude modulation (**QAM**), or 64-**QAM** with various degrees of error correction...  
**Full text available at patent office. For more in-depth searching go to LexisNexis®**  
[view all 51 results from Patent Offices](#)  
[similar results](#)
- ☐ 16. Fine frequency offset estimation and calculation and use to improve communication system performance  
**Gilbert, Jeffrey M. / Meng, Teresa H. / Thomson, John / Wang, Yi-Hsu, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Mar 2003**  
...and fine symbol timing adjustment. Since **OFDM** is extremely sensitive to the carrier frequency...spread caused by multipath so that the **OFDM** symbols can remain independent from each...QPSK), 16-quadrature amplitude modulation (**QAM**), or 64-**QAM** with various degrees of error correction...  
**Full text available at patent office. For more in-depth searching go to LexisNexis®**  
[view all 51 results from Patent Offices](#)  
[similar results](#)
- ☐ 17. A/D CONVERSION OFFSET ERROR CORRECTION  
**RUDBERG, Mikael, Karlsson, EUROPEAN PATENT, Apr 2002**  
...US 5,281,968 discloses a **DC offset** correction circuit and is...signals, decoding of this offset corrected signal will be more robust...A/D converter suitable for **QAM** signals may be based on the...A/D converting element is corrected. The difference with respect...embodiment is useful for DMT or **OFDM** applications. In the embodiment...correction arrangement. If **QAM** modulation is assumed, the...  
**Full text available at patent office. For more in-depth searching go to LexisNexis®**  
[view all 51 results from Patent Offices](#)  
[similar results](#)
- ☐ 18. Conversion of PCM to A DC-centered VSB signal  
**McNeely, David Lowell, Thomson multimedia, EUROPEAN PATENT APPLICATION, Feb 2001**  
A digital VSB modulator (200) includes a modulator to which an ongoing sampled data stream of 1-sample-per-symbol successive PCM symbol signal samples are applied as a modulating signal. A sampled carrier stream (302), occurring at the rate of the signal ...  
**Full text available at patent office. For more in-depth searching go to LexisNexis®**  
[view all 51 results from Patent Offices](#)  
[similar results](#)
- ☐ 19. PHASE COMPARATOR USING UNDERSAMPLING  
**SORRELLS, David F. / BULTMAN, Michael J. / COOK, Robert W. / LOOKE, Richard C. / MOSES, Charley, D., Jr. / RAWLINS, Gregory S. / RAWLINS, Michael W. / (...) / SMITH, Francis J., PATENT COOPERATION TREATY APPLICATION, Jun 2001**  
Systems and methods for utilizing universal frequency translators for phase detection and/or frequency detection. Phase and/or frequency detection can be utilized for comparing a higher frequency reference signal with a lower frequency local oscillator ...  
**Full text available at patent office. For more in-depth searching go to LexisNexis®**  
[view all 51 results from Patent Offices](#)  
[similar results](#)
20. Communication system with multicarrier telephony transport



**Dapper, Mark J. / Geile, Michael J. / Hill, Terrance J. / Roberts, Harold A. / Anderson, Brian D. / Brede, Jeffrey / Wadman, Mark S. / (...) / Sarnikowski, Scott, EUROPEAN PATENT APPLICATION, Aug 2001**

...units may leave many users without service. After the fault is **corrected**, it is important bring as many remote units back into service...applications include signal processing in modems which use **OFDM** (orthogonal frequency division multiplexing). In order to...applications include signal processing in modems which use **OFDM** (orthogonal frequency division multiplexing). One need in...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis®

[view all 51 results from Patent Offices](#)

[similar results](#)



**Results Pages:** [[<< Prev](#)] 1 [2](#) [3](#) [4](#) [[Next >>](#)]

[back to top](#)

[Downloads](#) | [Subscribe to News Updates](#) | [User Feedback](#) | [Advertising](#)  
[Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by [FAST](#) © Elsevier 2007

**SCIRUS**  
for scientific information only

**SCIRUS**  
free science search engine

Find

☒ All Journal Sources

☒ All Web Sources

About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

Basic Search

[Advanced Search](#) [Search Preferences](#)

"dc offset" AND ofdm AND qam AND "802.11a"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for: :All of the words:"**dc offset**" AND **ofdm** AND **qam** AND "**802.11a**"

Found: :**30 total** | **0 journal results** | **15 preferred web results** | **15 other web results**

Sort by: :**relevance** | **date**

Save checked results

Email checked results

Export checked results

Did you mean?  
"dc offset" **odm** qam  
"802.11a"

- ☐ 1. [A 5-GHz CMOS transceiver for IEEE 802.11a wireless LAN systems - Solid-State Circuits, IEEE Journal of](#) (PDF-32K)  
Dec 2003  
...dynamic range requirements of the **OFDM** signal. Fig. 8 illustrates...constellation for a single-carrier 64-**QAM** signal indicating an EVM of...CMOS TRANSCEIVER FOR IEEE **802.11a** WIRELESS LAN SYSTEMS 1691 Fig. 8. Measured **OFDM** output power as a function...Simplified LNA schematic. 64-**QAM OFDM** signal. The RF and IF...to 41 dB in 1-dB steps. The **dc offset** of the receive chain is cancelled...  
[http://www.ece.cmu.edu/~cpyue/Publications/JSSC02.pdf]  
[similar results](#)
- ☐ 2. [A 5-GHz CMOS transceiver for IEEE 802.11a wireless LAN systems - Solid-State Circuits, IEEE Journal of](#) (PDF-32K)  
Dec 2003  
...dynamic range requirements of the **OFDM** signal. Fig. 8 illustrates...constellation for a single-carrier 64-**QAM** signal indicating an EVM of...CMOS TRANSCEIVER FOR IEEE **802.11a** WIRELESS LAN SYSTEMS 1691 Fig. 8. Measured **OFDM** output power as a function...Simplified LNA schematic. 64-**QAM OFDM** signal. The RF and IF...to 41 dB in 1-dB steps. The **dc offset** of the receive chain is cancelled...  
[http://www.gm.ece.cmu.edu/~cpyue/Publications/JSSC02.p...]  
[similar results](#)
- ☐ 3. [Blind OFDM Channel Estimation through Simple Linear Precoding](#)12 (PDF-40K)  
Apr 2003  
...block before it enters the **OFDM** system. The transform imposes...based scheme used in the IEEE **802.11a** wireless standard. Please address...Frequency Division Multiplexing (**OFDM**) ([6], [9], [13]). It has been...communications standards (ADSL [1], IEEE **802.11** [5], HiperLAN [2]), and...constellation (e.g., BPSK, **QAM**) is segmented into blocks of...subcarrier. It maintains zero **DC offset** in each block. It introduces...  
[http://www.ece.drexel.edu/CSPL/publications/paper\_02\_2...]  
[similar results](#)
- ☐ 4. [Enhanced power efficiency of mobile ofdm radio using pre-distortion and post-compensation - Vehicular Technology Conference, ...](#) (PDF-38K)  
Dec 2003  
...frequency-division multiplexing (**OFDM**), multi-carrier modulation...of FFT/IFFT for modulation. **OFDM** has been adopted in several wireless standards such as IEEE **802.11a** WLAN and ETSI terrestrial broadcasting...However one major drawback of **OFDM** is the notoriously high Peak-to-Average...saturation. The simulations in 16-**QAM OFDM** show very promising performance...respectively. 0 represents the **DC offset**, 1 is the linear scalar...  
[http://cmc.rice.edu/docs/docs/Guo2002Sep5EnhancedP.pdf]  
[similar results](#)
- ☐ 5. [The information contained in this document is subject to change without notice](#) (PDF-210K)  
Feb 2003

Refine your search  
using these keywords  
found in the results

[adjacent channel](#)

[amplifier](#)

[automatic gain control](#)

[channel estimation](#)

[desired signal](#)

[in-phase](#)

[linearity](#)

[noise figure](#)

[off-chip](#)

[output signal](#)

[phase noise](#)

[power amplifier](#)

[quadrature](#)

[signal generator](#)

[transceiver](#)


[transmitter](#)

Or refine using:






All of the words

Refine

...**802.11a** Standard 1-3 Generating an **802.11a** Frame Using ADS Select Tutorial:  
Understanding the **802.11a** Frame Format. 1-4 **OFDM** Modulation WLAN Standard **OFDM**  
Modulation...modulated differently, e.g. BPSK, QPSK or **QAM** · To achieve high bandwidth  
efficiency...  
[more hits from \[http://linux.students.engr.scu.edu/~ychen0/adsdoc/pdf/...\]](http://linux.students.engr.scu.edu/~ychen0/adsdoc/pdf/...)  
[similar results](#)

- ☐ 6. [John Thomson Bevan Baas Elizabeth M-Cooper Jeffrey M Gilbert George Hsieh Paul Husted \[PDF-8K\]](#)  
Feb 2002  
7.2 An Integrated **802.11a** Baseband and MAC Processor...standard, based on coded **OFDM**  
modulation [2,3], provides...domain. Calibration of **DC offset** and gain in the analog...Zheng.  
References [1] **802.11a** standard, ISO/IEC 8802-11...A Digital 72Mb/s 64-**QAM OFDM**  
Transceiver for 5GHz...COFDM Modem for IEEE **802.11a** with Integrated ADCs...  
[[http://nova.stanford.edu/~bbaas/ps/isscc2002\\_text.pdf](http://nova.stanford.edu/~bbaas/ps/isscc2002_text.pdf)]  
[similar results](#)
- ☐ 7. [Iterative Channel Estimator and Equalizer for OFDM Modulation Systems \[PDF-27K\]](#)  
Apr 2003  
...that in the IEEE **802.11a** standard, two repeated **OFDM** symbols with cyclic...example, in  
the IEEE **802.11a** standard for wireless...rate of 54 Mbps, 64 **QAM** modulation scheme...angle  
between two 64 **QAM** constellation points...According to IEEE **802.11a** standard, the  
preamble...10 short slots (2 **OFDM** symbols' duration...gain control (AGC), **DC offset**  
correction etc, a...  
[more hits from \[http://viola.usc.edu/paper/VCT2003/papers/S06A\\_03.pdf\]](http://viola.usc.edu/paper/VCT2003/papers/S06A_03.pdf)  
[similar results](#)
- ☐ 8. [No Title \[PDF-15K\]](#)  
Aug 2003  
...dynamically correct for **DC offset**. Similarly, in-phase...achieve maximum IEEE  
**802.11a/b/g** system performance...memory. 2. An **802.11a/g OFDM** modem. 3. An **802.11b**  
CCK modem...support the IEEE **802.11a**, b, and g protocols...4 GHz LNA LNA **DC offset**  
compensation loop...  
[<http://www.rfmd.com/pdfs/Flexible%20Chip%20Set%20Arms....>]  
[similar results](#)
- ☐ 9. [20\\_2\\_slides\\_final \[PDF-7K\]](#)  
Mar 2003  
...· Radio Integration and the **802.11a** Standard · Direct Conversion...Conclusions  
Requirements for **802.11a** WLAN · Low cost high integration...use · High performance 64-  
**QAM-OFDM** needed for multi-path TX...DFc 90o 90o Df · LO leakage/**DC Offset** · IQ  
mismatch · Matched I...  
[more hits from \[http://bwrc.eecs.berkeley.edu/Seminars/Vassillou%20-%20...\]](http://bwrc.eecs.berkeley.edu/Seminars/Vassillou%20-%20...)  
[similar results](#)
- ☐ 10. [Afdeling for Kommunikationsteknologi \[PDF-272K\]](#)  
Nov 2002  
Yderligere oplysninger vedr. beretningen / Further information concerning the report: Ed.  
Jonna Thomassen, Information Office, tel. (+45) 9635 9490 Department secretary tel.  
[<http://www.auc.dk/led-sekr/infokont/forsk-beret/bidrag...>]  
[similar results](#)
- ☐ 11. [Newsletter 34 OK.qxt \[PDF-70K\]](#)  
Oct 2002  
NEWS FLASH 1. IMEC NEWSLETTER SEEDS FOR TOMORROW'S WORLD: IMECNOLOGY N° 34 -  
October 2002 > In this issue IMEC introduces two cross-divisional initiatives: M4 and  
Human++ p.1 New center of excellence on reliability and failure physics p.1 Editorial p.2  
Significant progress in 157nm technology p.  
[more hits from \[http://www.imec.be/wwwinter/mediacenter/en/NL34.pdf\]](http://www.imec.be/wwwinter/mediacenter/en/NL34.pdf)  
[similar results](#)
- ☐ 12. [Fine-frequency offset estimation](#)  
**Chiodini, Alain, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT**  
**PUBLICATION**, Oct 2002  
...orthogonal frequency division multiplexing (**OFDM**), and quadrature phase shift keying  
(**QAM**) of signals transmitted in the license-free...103. Such units all conform to the IEEE-  
**802.11a** specification for a physical layer (PHY...rule of thumb that was derived from the  
**OFDM**-related papers. The specification therefore...rates. The IEEE **802.11a** standard, herein  
"**802.11a**", specifies, among other things, the...orthogonal frequency division multiplexing  
(**OFDM**) system with data payload communication...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis®  
[view all 12 results from Patent Offices](#)  
[similar results](#)



- ☐ 13. Computational circuits and methods for signal deconstruction/reconstruction in wireless transceivers  
**Wight, James Stuart, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Oct 2002  
...be understood that in these examples an **OFDM** modulator is used but the invention is...modulation schemes including single carrier **QAM** computational modulators), [0031] The...the digital modulation processing (being **OFDM** in the illustrated embodiment but this is equally true for **QAM**). As such, these engines enable the efficient...0044] For computationally generated **OFDM** or **QAM** signals, the signal is a sequence of complex...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 12 results from Patent Offices](#)  
[similar results](#)
  
- ☐ 14. In-phase and quadrature-phase rebalancer  
**Wiss, John, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Jul 2002  
...can be used to extract the **DC offset**, cancel the arbitrary signal...at various SNRs for a IEEE **802.11A** compliant multicarrier system...23 dB, a nominal point for **QAM-64 OFDM**. It should be noted that convergence...and phase imbalance for a 64 **QAM-OFDM** signal per IEEE **802.11A**. There is an implied implementation...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 12 results from Patent Offices](#)  
[similar results](#)
  
- ☐ 15. Design Aspects of Fully Integrated Multiband Multistandard Front-End Receivers  
**Adiseno,, Jan 2003**  
In this thesis, design aspects of fully integrated multibandmultistandard front-end receivers are investigated based onthree fundamental aspects: noise, linearity and operatingfrequency. System level studies were carried out to investigatethe effects of ...  
**Full text available from DiVA**  
[similar results](#)
  
- ☐ 16. Integrated concurrent multi-band radios and multiple-antenna systems  
**Hashemi, Hossein, Sep 2003**  
This thesis presents a unique view on radio systems that can simultaneously function at multiple frequency bands. These radios offer a higher data-rate and robustness in addition to the added functionality in the performance of wireless systems. Our ...  
**Full text available from Caltech**  
[similar results](#)
  
- ☐ 17. Post-fft scaling to reduce multiple effects  
**Wang, Yi-Hsiu / Gilbert, Jeffrey M., UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Aug 2003  
...design features that deviate from the IEEE **802.11a** standard. [0034]FIG. 3 illustrates the packet structure that the IEEE **802.11a** standard requires for information transmission...and fine symbol timing adjustment. Since **OFDM** is extremely sensitive to the carrier...16-quadrature amplitude modulation (**QAM**), or 64-**QAM** with various degrees of error...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 12 results from Patent Offices](#)  
[similar results](#)
  
- ☐ 18. Fine frequency offset estimation and calculation and use to improve communication system performance  
**Gilbert, Jeffrey M. / Meng, Teresa H. / Thomson, John / Wang, Yi-Hsu, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Mar 2003  
...design features that deviate from the IEEE **802.11a** standard. [0035]FIG. 3 illustrates the packet structure that the IEEE **802.11a** standard requires for information transmission...and fine symbol timing adjustment. Since **OFDM** is extremely sensitive to the carrier...16-quadrature amplitude modulation (**QAM**), or 64-**QAM** with various degrees of error...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 12 results from Patent Offices](#)  
[similar results](#)
  
- ☐ 19. METHOD AND APPARATUS FOR REDUCING DC OFFSETS IN A COMMUNICATION SYSTEM  
**SORRELLS, David F., PATENT COOPERATION TREATY APPLICATION**, May 2003  
...invention relates to reducing or eliminating **DC offset** voltages when down- converting a signal...systems. One such problem is when unwanted **DC offset** voltages exist in receiver channels. A **DC offset** 20 voltage may enter a receiver channel...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 12 results from Patent Offices](#)  
[similar results](#)

☐ 20. QUADRATURE TRANSCEIVER SUBSTANTIALLY FREE OF ADVERSE CIRCUITRY MISMATCH EFFECTS

**GU, Jian**, *PATENT COOPERATION TREATY APPLICATION*, Feb 2003

...64-quadrature amplitude modulation (64-**QAM**) is used. [0035] In some cases...conversion receivers, there is also a **DC- offset** of I and Q channels. **DC offset** is mainly due to circuitry disparity...when a receiver has a severe **DC offset** problem due to self-mixing or...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis

[view all 12 results from Patent Offices](#)  
[similar results](#)



**Results Pages:** [[<< Prev](#)] 1 2 [[Next >>](#)]

[back to top](#)

[Downloads](#) | [Subscribe to News Updates](#) | [User Feedback](#) | [Advertising](#)  
[Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "((( ( dc offset&lt;in&gt;metadata ) &lt;and&gt; ( 802.11a&lt;in&gt;metadata ) ) ) &lt;and&gt; ( pyr &gt;= 1950 &lt;and&gt; ( pyr &lt;= 2002 ) ) )"

Your search matched 6 of 1574558 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

☒ e-mail

## » Search Options

[View Session History](#)
[New Search](#)

## Modify Search

((( ( dc offset&lt;in&gt;metadata ) &lt;and&gt; ( 802.11a&lt;in&gt;metadata ) ) ) &lt;and&gt; ( pyr &gt;= 1950 &lt;and&gt; ( pyr &lt;= 2002 ) ) )

☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 [Select All](#) [Deselect All](#)

- ☐ 1. **Dynamic DC offset impact on the 802.11a receiver performance**  
 Popov, O.V.;  
[Circuits and Systems for Communications, 2002. Proceedings. ICCSC '02. 1st IEEE International Conference on](#)  
 26-28 June 2002 Page(s):250 - 253  
 Digital Object Identifier 10.1109/OCCSC.2002.1029089  
[AbstractPlus](#) | Full Text: [PDF\(329 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **A 2.4-GHz CMOS receiver for IEEE 802.11 wireless LANs**  
 Razavi, B.;  
[Solid-State Circuits, IEEE Journal of](#)  
 Volume 34, Issue 10, Oct. 1999 Page(s):1382 - 1385  
 Digital Object Identifier 10.1109/4.792608  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(224 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ 3. **A single-chip transceiver for 802.11a and Hiperlan2 wireless LANs**  
 Pipilos, S.; Metaxakis, E.; Tzimas, A.; Vlassis, S.; Sgourenas, S.; Tsvividis, Y.; Varelas, T.;  
[Radio Frequency Integrated Circuits \(RFIC\) Symposium, 2003 IEEE](#)  
 8-10 June 2003 Page(s):33 - 36  
[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **Low complexity frequency offset estimation in the presence of DC offset**  
 Chin Keong Ho; Sumei Sun; Ping He;  
[Communications, 2003. ICC '03. IEEE International Conference on](#)  
 Volume 3, 11-15 May 2003 Page(s):2051 - 2055 vol.3  
 Digital Object Identifier 10.1109/ICC.2003.1203979  
[AbstractPlus](#) | Full Text: [PDF\(284 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 5. **OFDM-WLAN receiver performance improvement using digital compensation techniques**  
 Eberle, W.; Tubbax, J.; Come, B.; Donnay, S.; De Man, H.; Gielen, G.;  
[Radio and Wireless Conference, 2002. RAWCON 2002. IEEE](#)  
 11-14 Aug. 2002 Page(s):111 - 114  
 Digital Object Identifier 10.1109/RAWCON.2002.1030130  
[AbstractPlus](#) | Full Text: [PDF\(459 KB\)](#) IEEE CNF

[Rights and Permissions](#)**6. Calibration of IQ imbalance in OFDM transceivers**

Shafiee, H.; Fouladifard, S.;

[Communications, 2003. ICC '03. IEEE International Conference on](#)

Volume 3, 11-15 May 2003 Page(s):2081 - 2085 vol.3

Digital Object Identifier 10.1109/ICC.2003.1203991

[AbstractPlus](#) | Full Text: [PDF\(331 KB\)](#) [IEEE CNF](#)[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privac](#)

© Copyright 2006 IE

Indexed by

